

**AMENDMENTS TO THE CLAIMS**

The following listing of claims will place all prior versions and listing of claims in the application.

1. (Previously presented) A method for controlling spider mites in an agricultural crop, the method comprising:

applying an emulsion comprising an emulsifier, soap and at least 1.0% hop beta acids to the crop, wherein soap is present in an amount sufficient to reduce film in the emulsion.

2. (Previously presented) A method for controlling powdery mildew in an agricultural crop, comprising:

applying an emulsion comprising an emulsifier, soap and at least 1.0% hop beta acids to the crop, wherein soap is present in an amount sufficient to reduce film in the emulsion.

3. (Previously presented) The method of claim 1 or 2, wherein the emulsion comprises about 0.5% liquid soap.

4. (Cancelled)

5. (Currently amended) The method of ~~claim 4~~claim 1 or 2, wherein the emulsion comprises about 0.2%, 0.4%, or 2% of an emulsifier.

6. (Cancelled)

7. (Previously presented) The method of claim 1, wherein the method causes mite mortality.

8. (Previously presented) The method of claim 2, wherein the method reduces spore formation.

9. (Previously presented) The method of claim 2, wherein the method treats powdery mildew already present on the crop.
10. (Previously presented) The method of claim 1 or 2, wherein beta acids are present at about 1% to 10%.
11. (Previously presented) The method of claim 1 or 2, wherein the emulsion is stable when stored.
12. (Previously presented) The method of claim 1 or 2, wherein the emulsion is stable when diluted.
13. (Previously presented) A method for controlling spider mites in an agricultural crop, the method comprising:  
applying an emulsion comprising an emulsifier, at least 1.0% hop beta acids, and 0.5% liquid soap to the crop.